

5-(HYDROXYMETHYL)-2'-DEOXYCYTIDINE

ITEM NO. LSHB-OP-2000001154-5MG

HUB PRODUCTS

PRODUCT DATASHEET

For Research Use Only

DESCRIPTION:

Epigenetic base. A modified pyrimidine that is capable of producing interstrand cross-links in double-stranded DNA and has been used to quantify DNA hydroxymethylation levels in biological samples. Enriched in the brain, suggesting a role in epigenetic control of neuronal function. Used in epigenetic research and important for cancer research. Potent HIV-1 reverse transcriptase activity inhibitor. Can be used as building block in nucleoside and nucleotide chemistry.

SPECIFIC AGAINST:

Other

BACKGROUND:

TYP:

Chemicals

CATEGORY:

Reagents & Chemicals/Building Blocks & Intermediates/Nucleosides & Nucleotides

DETAILED - CATEGORY:

Biochemical Compounds

HOW TO HANDLE/USE THE PRODUCT:

STORAGE CONDITIONS:

Stable for 2 years after receipt when stored at -20°C.

STORAGE BUFFER:

Solid

SHIPPED ON DRY ICE:

No

